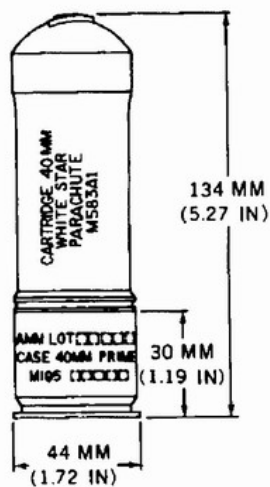
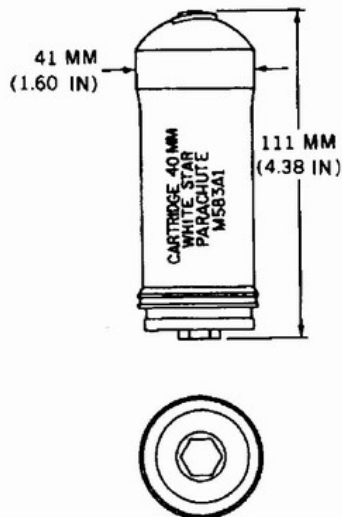


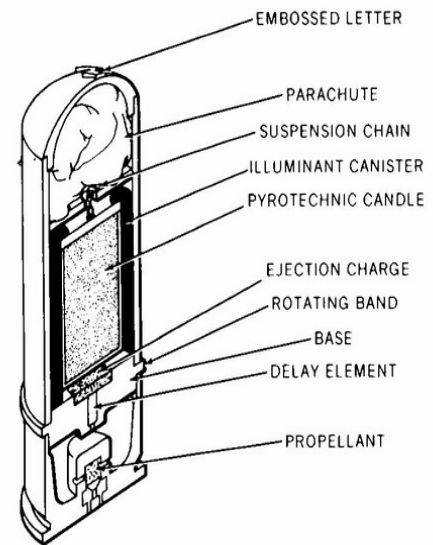
# Simulator, Illumination, Parachute - XM583, M583A1, XM661, M661, XM662, M662



CARTRIDGES



BASE VIEW

PROJECTILES  
M583A1, M661, M662CARTRIDGES  
XM583, XM661, XM662

## Description :

These are grenade-launcher-fired projectiles containing a nose-ejected, parachute-suspended pyrotechnic illuminating candle. Intensity ranges from 8,000 to 90,000 candlepower. The color of the burning pyrotechnic is as follows: XM583 and M583A1, white; XM661 and M661, green; XM662 and M662, red.

# **Simulator, Illumination, Parachute - XM583, M583A1, XM661, M661, XM662, M662 (Con't.)**

The projectile body is painted white with identifying information stenciled on the side. The ogive is painted the color of the burning pyrotechnic, and is embossed with the raised letters W, G, or R, corresponding to the colors white, green, or red, respectively.

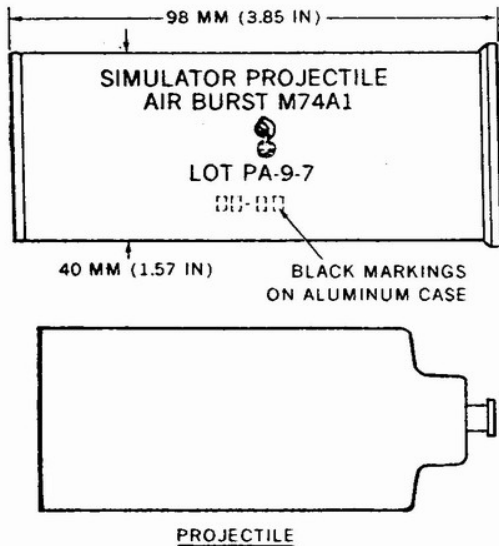
- Dimensions
  - Length - 111.00 mm
  - Diameter - 41.00 mm
  - Weight - 168.00 g

## **Hazardous Components :**

- Filler – Illuminant Composition
- Filler weight – 93.00 g

**Sources:** ORDATA Online (<http://www.maic.jmu.edu/ordata/search.asp?SearchMode=1>)  
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20640-5070

# Simulator, Projectile, Airburst, M74A1



## Description :

The figure shows the appearance and dimensions of the M74 and M74A1 simulator. The Flash and Sound Signal M74 is designed for simulation of air burst of artillery fire in training troops. It is fired from the Hand Projector M9 or the Pyrotechnic Pistol AN-M8. The signal consists of an outer case, an expelling charge, and an inner cylindrical case containing the delay fuze and bursting charge. The outer case resembles those of the aircraft double-star type.

- Dimensions
  - Length - 98.00 mm
  - Diameter - 40.00 mm

## Hazardous Components :

- Filler – Black powder
- Filler weight – 81.65 g

Source: ORDATA Online (<http://www.maic.jmu.edu/ordata/search.asp?SearchMode=1>)  
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